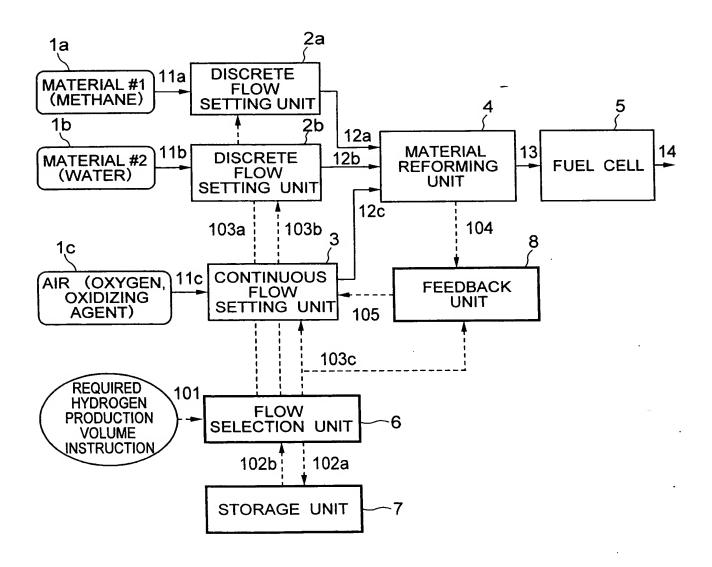
FIG. 1



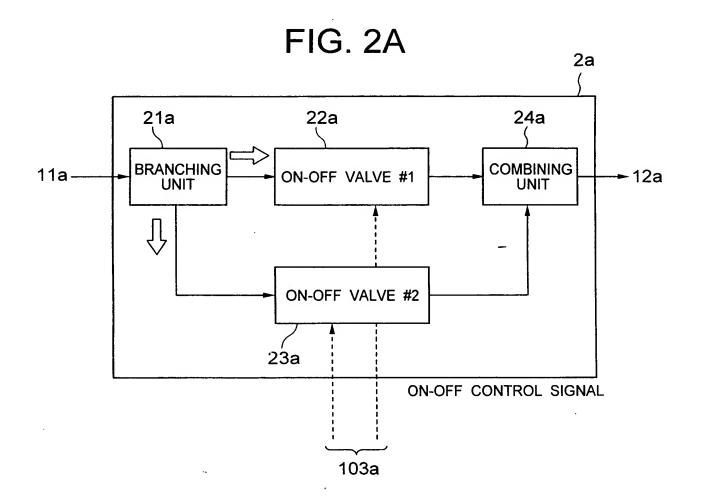
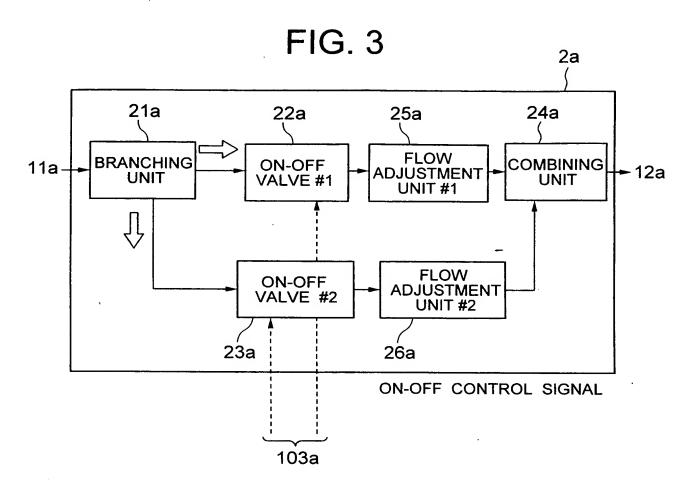


FIG. 2B

RELATIONSHIP BETWEEN OPEN/CLOSE OF VALVES AND SUPPLIED MATERIAL FLOW

		ON-OFF VALVE #1	
		CLOSE	OPEN
ON-OFF VALVE #2	CLOSE	REACTION STOP	LOW FLOW
	OPEN	MIDDLE FLOW	HIGH FLOW



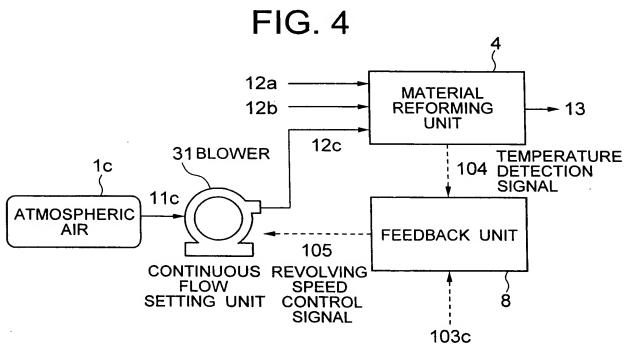


FIG. 5

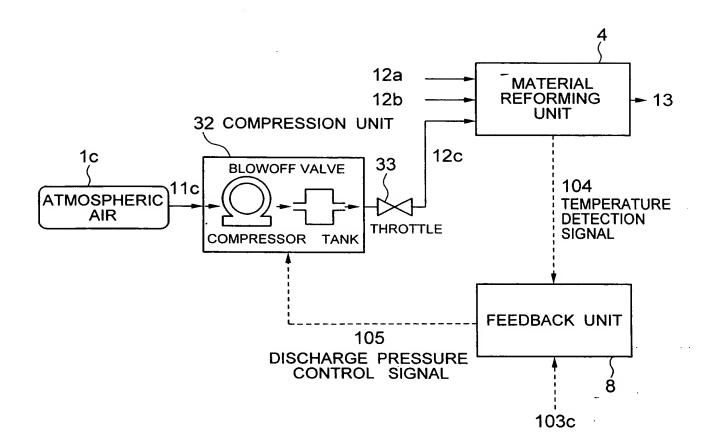


FIG. 6

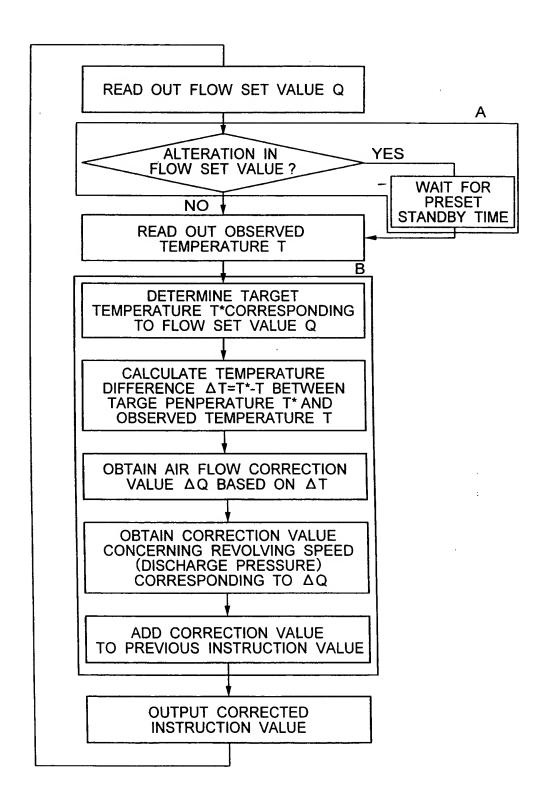
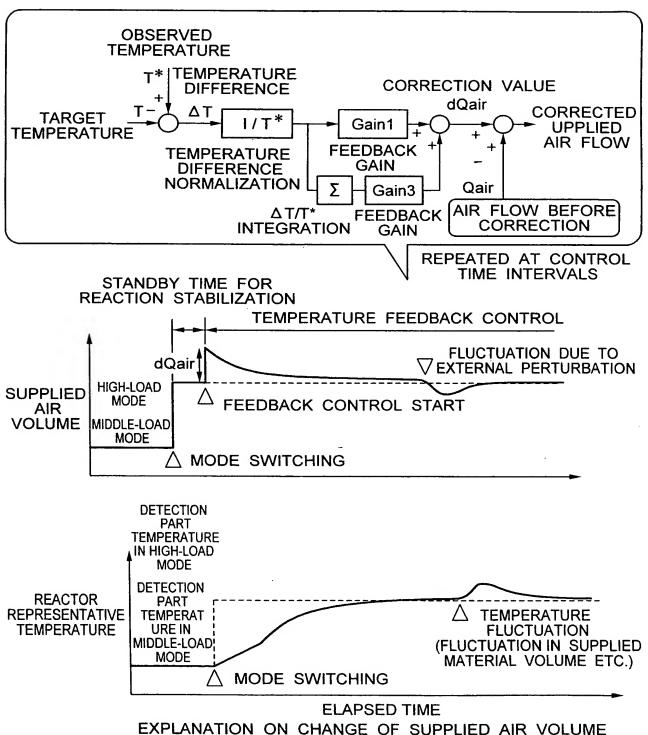
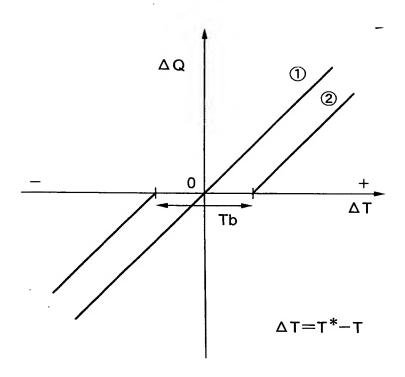


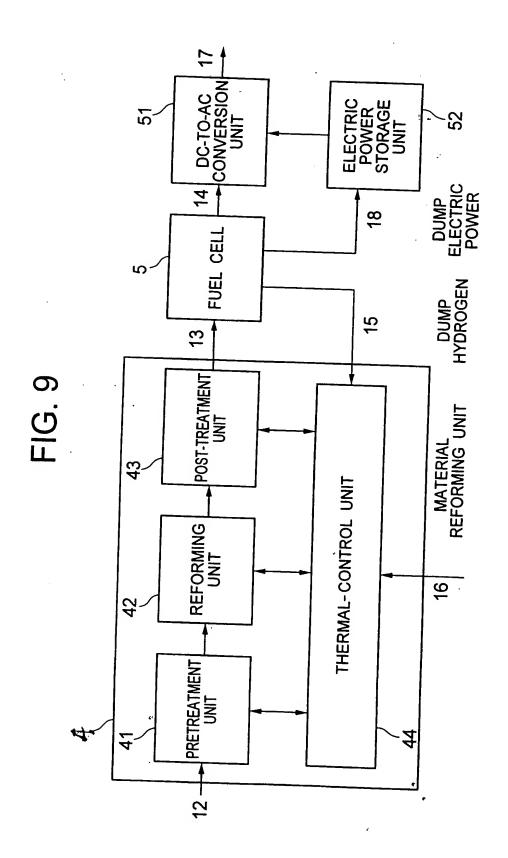
FIG. 7



(UNDER OPERATION MODE SWITCHING AND EXTERNAL PERTURBATION)

FIG. 8





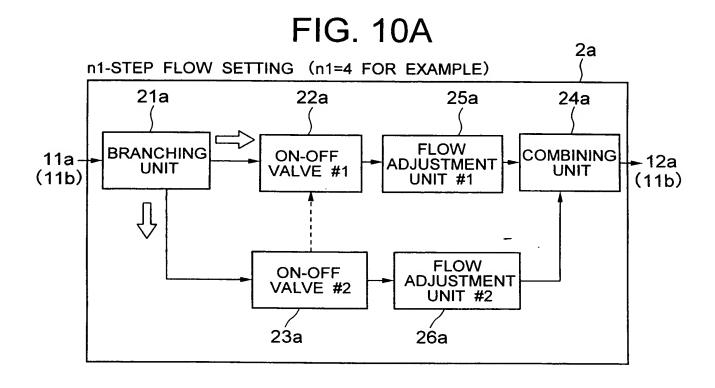


FIG. 10B

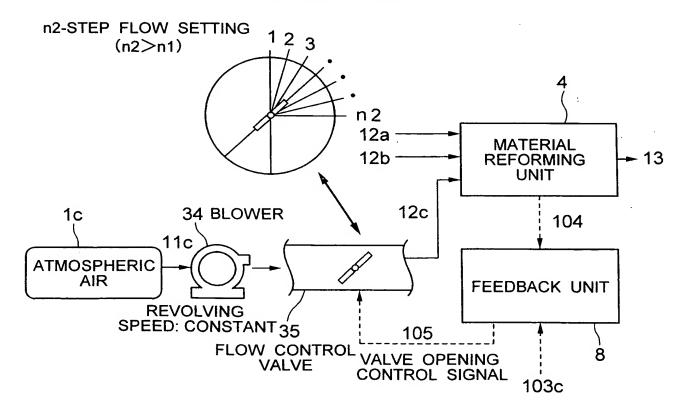


FIG. 11

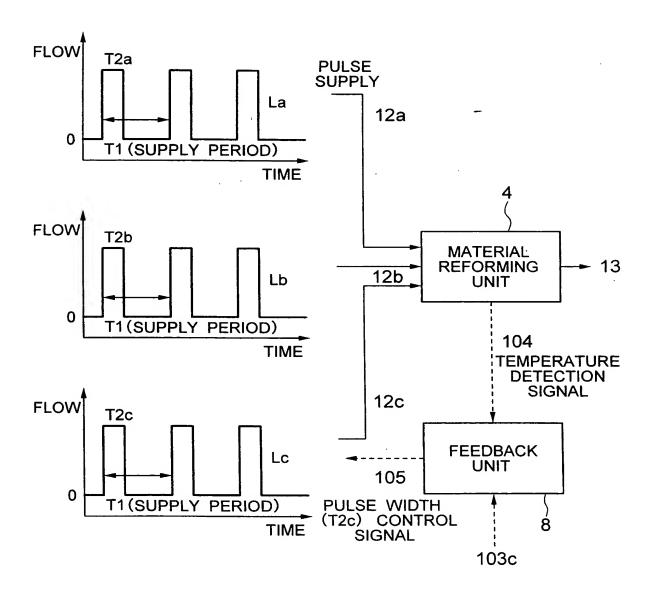


FIG. 12A

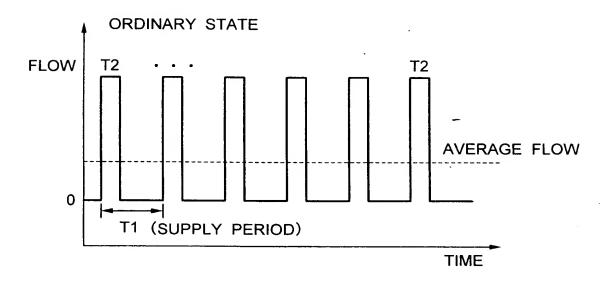


FIG. 12B

